

APR 3 0 1984



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the Application of

SYUKUDA et al.

Group Art Unit: 123

RTH

Serial No. 408,563

Examiner: Hazel

S-22-87

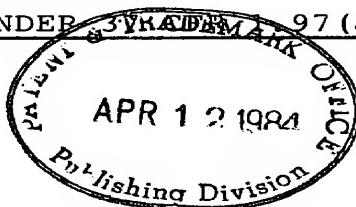
Filed : August 16, 1982

Batch No. V02

For : METHOD FOR PRODUCING PERTUSSIS TOXOID

INFORMATION DISCLOSURE STATEMENT UNDER 35 U.S.C. 102(b) (97)(a)

Honorable Commissioner of  
Patents and Trademarks  
Washington, D. C. 20231



Sir:

Submitted herewith are the Search Reports to the corresponding European and British Applications.

The Pittman reference cited against the British application is discussed on page 1 of the instant application.

None of the citations suggest the combination of the step of flocculating pertussis exotoxin by permitting formaldehyde to act upon exotoxin fluid in the absence of basic amino acid and the step of dispersing the flocculent pertussis exotoxin mass by ultrasonication in accordance with the present invention.

Respectfully submitted,

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Atty Docket: HCW-18439-A  
April 11, 1984